US 20160261690A1

(19) United States

(12) Patent Application Publication

(10) Pub. No.: US 2016/0261690 A1

(43) Pub. Date: Sep. 8, 2016

Ford

(54) **COMPUTING DEVICE CONFIGURATION AND MANAGEMENT USING A SECURE DECENTRALIZED TRANSACTION LEDGER**

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(21) Appl. No.: **14/750,822**

(22) Filed: **Jun. 25, 2015**

Related U.S. Application Data

(63) Continuation-in-part of application No. 14/732,504, filed on Jun. 5, 2015, which is a continuation-in-part of application No. 14/702,321, filed on May 1, 2015, which is a continuation-in-part of application No. 14/635,577, filed on Mar. 2, 2015, Continuation-in-part of application No. 14/725,347, filed on May 29, 2015, which is a continuation-in-part of application No. 14/635,577, filed on Mar. 2, 2015.

Publication Classification

(51) **Int. Cl.**

H04L 29/08	(2006.01)
G06F 9/445	(2006.01)
H04L 12/24	(2006.01)
H04L 29/06	(2006.01)
H04W 12/08	(2006.01)

(52) **U.S. Cl.**

CPC ***H04L 67/1044*** (2013.01); ***H04L 63/10*** (2013.01); ***H04L 63/20*** (2013.01); ***H04W 12/08*** (2013.01); ***H04L 41/0813*** (2013.01); ***G06F 8/61*** (2013.01)

(57) **ABSTRACT**

Aspects of the present invention provide systems and methods that facilitate the communicating of messages to a vastly scalable number of devices, independent of a centralized resource. In embodiments, a computing device, or a number of devices, may receive from a managing entity one or more messages via a block chain that is maintained by a plurality of decentralized nodes in a peer-to-peer network. In embodiments, the device or devices execute the instructions identified in the message, and if appropriate, return results.